

Title (en)

A method for controlling a speed level and torque of an engine within a powertrain

Title (de)

Verfahren zum Steuern einer Geschwindigkeitsstufe und Drehmoment eines Motors in einem Antriebsstrang

Title (fr)

Procédé de contrôle d'un niveau de vitesse et couple d'un moteur dans une transmission

Publication

**EP 2065273 A3 20120425 (EN)**

Application

**EP 08019074 A 20081031**

Priority

- US 98598407 P 20071107
- US 23989308 A 20080929

Abstract (en)

[origin: US2009118927A1] A method to determine a preferred operating point for an internal combustion engine includes determining a current set of candidate operating points for a current search iteration. The method further includes iteratively determining an operating cost for operating the internal combustion engine at each candidate operating point of the current search iteration, and determining the preferred operating point for operating the internal combustion engine after a predetermined number of search iterations.

IPC 8 full level

**B60W 20/00** (2006.01); **B60W 30/18** (2012.01)

CPC (source: EP US)

**B60K 6/365** (2013.01 - EP US); **B60W 10/04** (2013.01 - US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - EP US); **B60W 10/105** (2013.01 - EP US); **B60W 20/10** (2013.01 - US); **B60W 30/188** (2013.01 - EP US); **B60W 20/00** (2013.01 - EP); **B60W 2540/10** (2013.01 - EP US); **B60W 2540/12** (2013.01 - EP US); **B60W 2710/24** (2013.01 - US); **F16H 2037/106** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP US); **Y02T 10/84** (2013.01 - EP US)

Citation (search report)

- [A] US 2005080537 A1 20050414 - CAWTHORNE WILLIAM R [US], et al
- [A] US 2007202987 A1 20070830 - KAKINAMI TAKUMA [JP], et al
- [A] US 2005080538 A1 20050414 - HUBBARD GREGORY A [US], et al
- [A] EP 0365003 A2 19900425 - HITACHI LTD [JP]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

**US 2009118927 A1 20090507**; **US 8433486 B2 20130430**; CN 101537836 A 20090923; CN 101537836 B 20121010; EP 2065273 A2 20090603; EP 2065273 A3 20120425; EP 2065273 B1 20130807

DOCDB simple family (application)

**US 23989308 A 20080929**; CN 200810177900 A 20081107; EP 08019074 A 20081031